

Amendments to the Drawings:

The attached sheets of drawings includes changes to Figures 1, 2, 6 and 8. These sheets, which includes Figures 1, 2, 6, and 8, replaces the original sheets, including Figures. 1, 2, 6 and 8. Figures 1 and 2 are being changed to be labeled as “Prior Art,” Figure 6 is being changed to label the component 70 as an “Arbiter Phase Detector” as described in the specification, and Figure 8 is being changed to add connections described in the specification that are missing from Figure 8.

Enclosed are 13 sheets of replacement formal drawings, Figures 1-14, for filing in the above-identified application.

Attachments: Annotated Sheets Showing Changes
Replacement Sheets

REMARKS

Claims 1-59 are pending in this application. In the Office Action dated June 3, 2005, the Examiner took the following action: (1) objected to the drawings; (2) objected to claim 25 for informalities; (3) rejected claim 52 under 35 U.S.C. § 112, second paragraph, for failing to point out and distinctly claim the subject matter; (4) rejected claims 1 and 2 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,094,078 to Suzuki; (5) rejected claims 10-11, 19-22, 30-31 and 56-59 under 35 U.S.C. § 103(a) as being unpatentable over the admitted prior art, Figs. 1-2, in view of Suzuki; (6) rejected claims 32-33, 41-45 and 53-55 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,512,711 to Wright et al. in view of the admitted prior art and Suzuki; and (7) objected to claims 3-9, 12-18, 23-24, 26-29, 34-40 and 46-51 as being dependent upon a rejected base claim but would be allowable if rewritten.

Applicants are hereby either canceling the rejected claims or amending the cancelled claims so that they incorporate subject matter considered to be allowable. Specifically, rejected claim 1 is being amended to add the subject matter of allowable claim 3, rejected claim 10 is being amended to add the subject matter of allowable claim 12, rejected claim 21 is being amended to add the subject matter of allowable claim 23, rejected claim 32 is being amended to add the subject matter of allowable claim 34, rejected claim 44 is being amended to add the subject matter of allowable claim 46, and rejected claims 56-59 are being cancelled. Claims 25 and 52 are also being amended to obviate the objection to claim 25 and the Section 112 rejection of claim 52.

All of the claims remaining in the application are now clearly allowable.
Favorable consideration and a timely Notice of Allowance are earnestly solicited.

Respectfully submitted,

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Enclosures:

Postcard

Fee Transmittal Sheet (+ copy)

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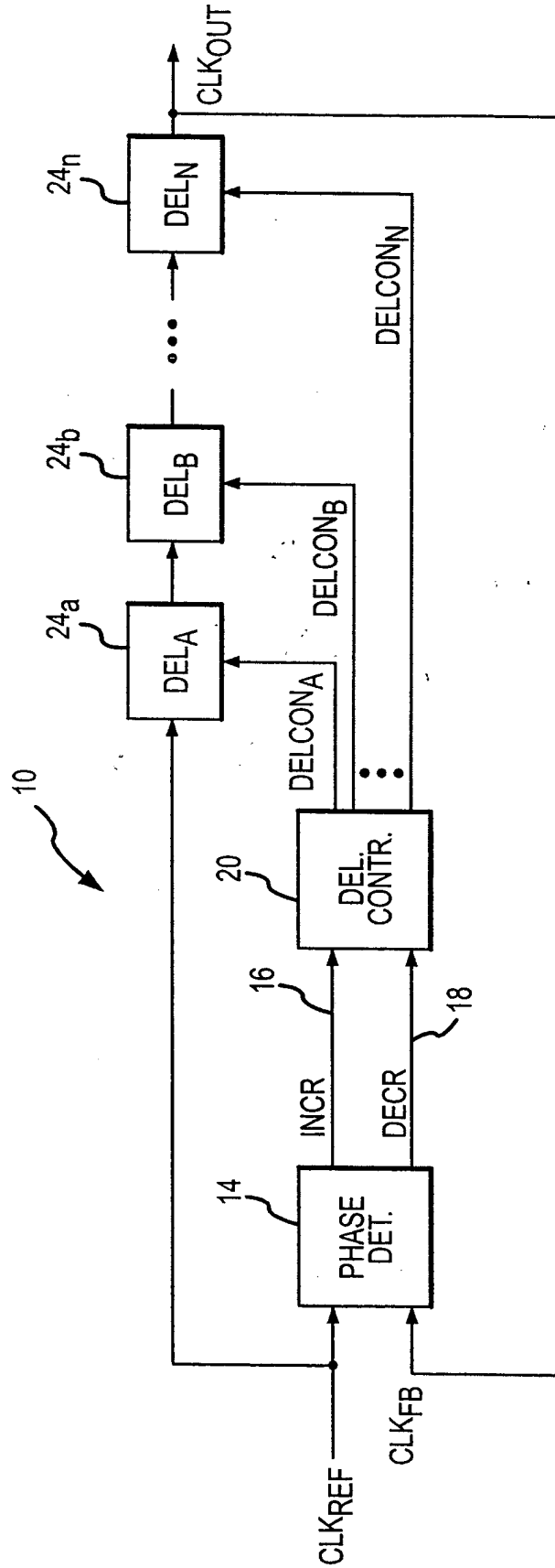


FIG.1
 (PRIOR ART)

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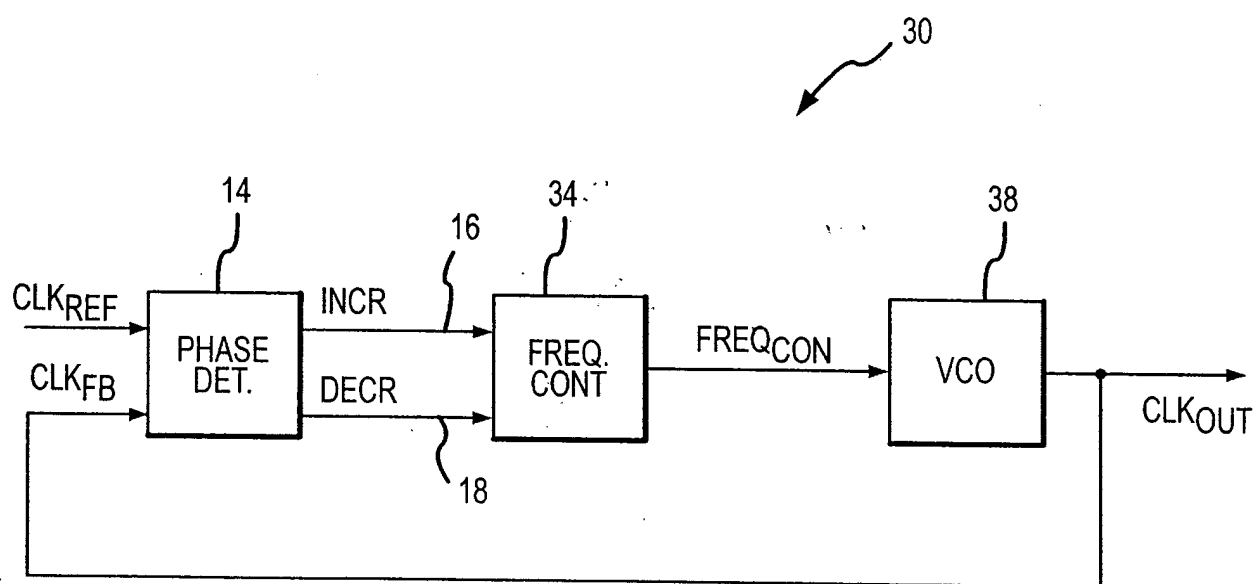


FIG.2

(PRIOR ART)

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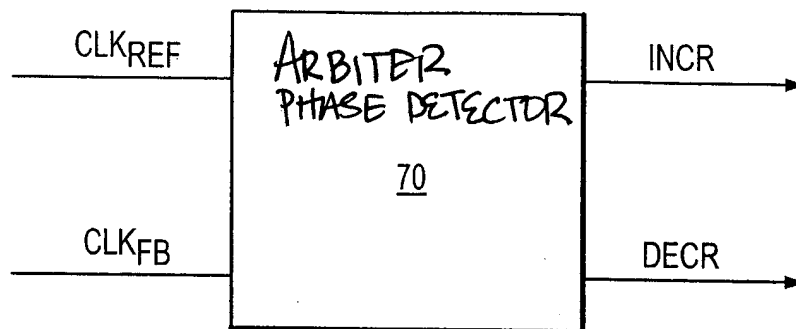


FIG.6

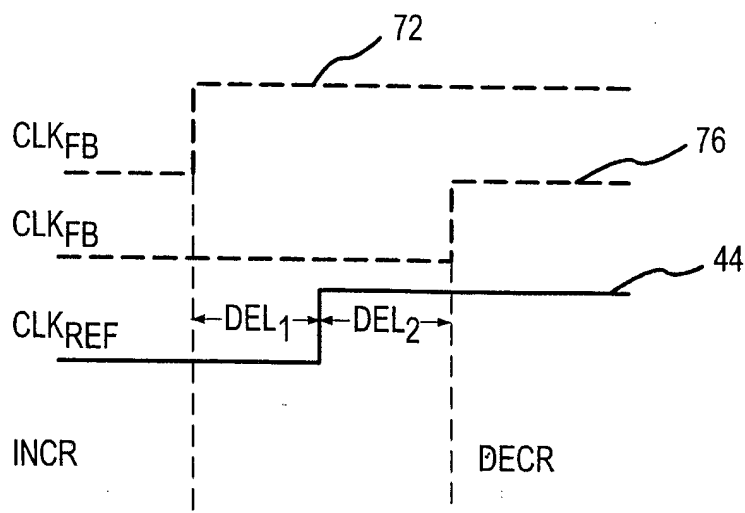
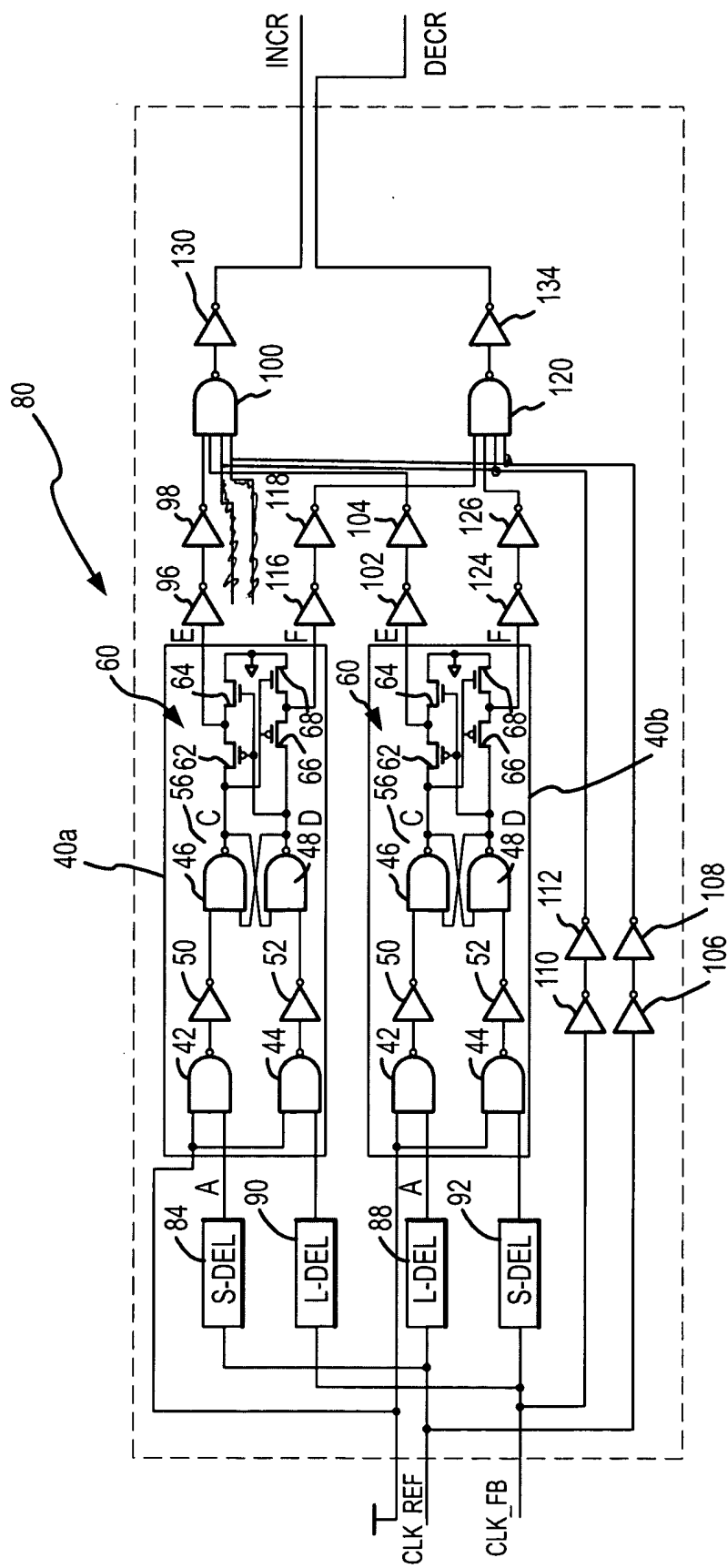


FIG.7



F/G.8